

INTERNATIONAL SEARCH REPORT

Intern: Application No
PCT/PL 03/00147

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 E04F15/02 E04F15/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 E04F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 490 836 B1 (MORIAU STEFAN SIMON GUSTAAF ET AL) 10 December 2002 (2002-12-10) figure 22	1
A	US 2002/007608 A1 (PERVAN DARKO) 24 January 2002 (2002-01-24) figures 4A-7	1
A	WO 01/02671 A (EISERMANN RALF ;AKZENTA PANEELE & PROFILE GMBH (DE)) 11 January 2001 (2001-01-11) figure 2	1

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

11 May 2004

Date of mailing of the international search report

18/05/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Severens, G

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Information on patent family members

Intern: Application No

PCT/PL 03/00147

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6490836	B1	10-12-2002	
		BE 1010339 A3	02-06-1998
		BE 1010487 A6	06-10-1998
		US 2003024200 A1	06-02-2003
		US 2003029115 A1	13-02-2003
		US 2003024201 A1	06-02-2003
		US 2003029116 A1	13-02-2003
		US 2003029117 A1	13-02-2003
		AT 5566 U1	26-08-2002
		AT 246760 T	15-08-2003
		AT 219812 T	15-07-2002
		AT 196790 T	15-10-2000
		AU 713628 B2	09-12-1999
		AU 3256997 A	07-01-1998
		BG 62216 B1	31-05-1999
		BG 102230 A	30-09-1998
		BR 9702325 A	09-03-1999
		CA 2226286 A1	18-12-1997
		CN 1399051 A	26-02-2003
		CN 1195386 A ,B	07-10-1998
		CZ 9800391 A3	12-08-1998
		DE 1026341 T1	05-07-2001
		DE 1024234 T1	06-09-2001
		DE 29710175 U1	14-08-1997
		DE 29724428 U1	05-04-2001
		DE 29724742 U1	03-07-2003
		DE 69703230 D1	09-11-2000
		DE 69703230 T2	01-03-2001
		DE 69713629 D1	01-08-2002
		DE 69713629 T2	06-02-2003
		DE 69724013 D1	11-09-2003
		DK 1026341 T3	24-11-2003
		DK 1024234 T3	14-10-2002
		DK 843763 T3	29-01-2001
		EG 21186 A	31-12-2000
		WO 9747834 A1	18-12-1997
		EP 1026341 A2	09-08-2000
		EP 1024234 A2	02-08-2000
		EP 1223267 A2	17-07-2002
		EP 1338721 A2	27-08-2003
		EP 0843763 A1	27-05-1998
		ES 2153799 T1	16-03-2001
		ES 2153800 T1	16-03-2001
		ES 2152679 T3	01-02-2001
		GR 3034933 T3	28-02-2001
		HK 1016234 A1	22-11-2002
		HU 9901996 A2	28-10-1999
		ID 17097 A	04-12-1997
		JP 11510869 T	21-09-1999
		NO 980569 A	10-02-1998
		NO 20016048 A	10-02-1998
US 2002007608	A1	24-01-2002	
		SE 515210 C2	25-06-2001
		AU 4701801 A	23-10-2001
		BR 0110152 A	14-01-2003
		CA 2370054 A1	18-10-2001
		CN 1419625 T	21-05-2003
		EP 1272716 A1	08-01-2003
		JP 2003530498 T	14-10-2003

INTERNATIONAL SEARCH REPORT

nation on patent family members

Interna Application No

PCT/PL 03/00147

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2002007608 A1		NO 20024128 A	09-12-2002
		SE 0001325 A	25-06-2001
		WO 0177461 A1	18-10-2001
		TR 200202316 T2	21-01-2003
		US 2003115821 A1	26-06-2003
WO 0102671 A	11-01-2001	DE 29911462 U1	18-11-1999
		AT 261037 T	15-03-2004
		AT 222634 T	15-09-2002
		AT 258264 T	15-02-2004
		AU 1546600 A	22-01-2001
		AU 1546800 A	22-01-2001
		CA 2312822 A1	02-01-2001
		CA 2377799 A1	11-01-2001
		CA 2377919 A1	11-01-2001
		WO 0102671 A1	11-01-2001
		WO 0102669 A1	11-01-2001
		WO 0102670 A1	11-01-2001
		DE 29924582 U1	11-12-2003
		DE 50005535 D1	08-04-2004
		DE 59902425 D1	26-09-2002
		DE 59908387 D1	26-02-2004
		EP 1200690 A1	02-05-2002
		EP 1243721 A2	25-09-2002
		EP 1165906 A1	02-01-2002
		EP 1190149 A1	27-03-2002
		ES 2182582 T3	01-03-2003
		US 6505452 B1	14-01-2003